

# Towards an Improved Understanding of the Tropical Tropopause Transition Layer

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During the past decade NASA has invested in a number of aircraft field campaigns to compliment satellite studies of the tropical upper troposphere and lower stratosphere, often called the Tropopause Transition Layer or TTL. I will summarize reasons for being interested in this portion of the atmosphere, provide highlights of recent discoveries, and outline new proposals for further campaigns in the TTL.



Early morning preparations to study deep convection in the Tropical Chemistry, Clouds and Climate Coupling (TC4) Field Experiment, July 2007